

## CLAIMS

We claim:

1. A method for making an optical amplifier material, said method including:  
providing a glass material;  
doping said glass material with a rare earth dopant, wherein said doping includes ion implantation of said rare earth dopant; and  
doping said glass material with a silver dopant.
2. The method of Claim 1, wherein doping said glass material with said silver dopant includes ion implantation of said silver dopant.
3. The method of Claim 1, wherein doping said glass material with said rare earth dopant is performed before doping said glass material with said silver dopant.
4. The method of Claim 1, wherein doping said glass material with said silver dopant is performed before doping said glass material with said rare earth dopant.